

IRMIS @ SLAC

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!!! Thanks Claude and Don !!!

IRMIS @ SLAC Summary

- PV part of the schema only so far
- Running:
 - PV Crawler since late 2005
 - SEQ crawler
 - ALH crawler
- Use PV Viewer and batch reporting
- Plans for client config data and UI

PV Crawler operation

- Currently run once daily
- SLAC-specific:
 - 3 different boot directory structures:
run PV crawler 3 times for distinct sets of PVs
 - mirror Oracle-inaccessible boot directory to accessible location

PV Crawler operation cont.

- SLAC-specific, continued:
 - a few PV Crawler code tweaks with new env.properties file defining some slac-specific variables

IRMIS Uses so far

- PV Viewer for ad hoc database queries
- PV Crawler reports EPICS database and template errors (-:
- Data source for EPICS PV names for SLAC legacy control system
 - formerly dbLoadTemplate and dbReport on hardcoded lists of template files

Plans

- Run other PV client crawlers
- Write/acquire Channel Archiver, Channel Watcher, dm2k and edm crawlers, others?
- Install and integrate new component schema and viewer.
- Develop viewer for PV client data

Plans cont.

- Extend schema to include config info for clients (e.g. flags, masks)
- Read/write UI to maintain client configuration data, with generation of client config files (e.g. .alhConfig)
- Would like a nice integrated UI. Will work from existing UIs developed by Claude and Co.